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Customer No. 32127

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the present application. Additions to existing claims are identified by underlining. Deletions to existing claims are indicated by ~~strikethrough~~ or [[double brackets]].

1. (Withdrawn) A document for an electronic catalog protocol disposed on computer-readable medium, comprising:

a first portion, the first portion having at least one method information selected from ordering method information and payment method information;

a second portion, the second portion having at least one entry selected from an offer to sell and an offer to buy, wherein the at least one entry is selectable by a user using the method information of the first portion; and

a third portion, the third portion having security information, the security information configured with the at least one entry selected and at least one method information selected for verification of the first and second portions by the user, and for authentication of a source of the document by the user.

2. (Withdrawn) A document of claim 1, wherein the portions are capable of being distributed over a network to a plurality of servers connected to the network.

3. (Withdrawn) A document of claim 1, wherein at least one of the first, second and third portions has address information, the address information configured to permit remote access to the at least one portion having address information.

4. (Withdrawn) A document of claim 1, wherein the document permits the user to select between URL links and in-line data for presentation of multimedia content.

5. (Withdrawn) A document of claim 1, wherein the third portion includes a digital signature.

6. (Withdrawn) A document of claim 5, wherein the digital signature is a private key signature that corresponds to a public key.

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7. (Withdrawn) A document of claim 1, wherein elements of electronic catalog documents of different sources can be at least one of integrated, aggregated, assembled and disassembled to form a modified electronic catalog document, security information for the elements of the different sources being maintained in the modified electronic catalog document and the modified electronic catalog document having additional security information for verification of the modified electronic catalog document.

8. (Withdrawn) A document of claim 7, wherein authenticity of an element of a modified electronic catalog document is verifiable.

9. (Withdrawn) A computer program, disposed on a computer readable medium, for verifying authenticity of an electronic catalog, the program including instructions for causing a processor to:

identify at least one of ordering method information and payment method information in a header of the catalog;

identify at least one entry selected from an offer to sell and an offer to buy in a body of the catalog;

locate a digital signature in a footer of the electronic catalog; and

verify the signature to verify the authenticity of the header, footer and body of the electronic catalog.

10. (Withdrawn) A computer program, disposed on a computer readable medium, for updating an electronic catalog, the program including instructions for causing a processor to:

identify elements of an electronic catalog, including a header, a footer, and a body;

identify at least one of ordering method information and payment method information in the header of the catalog;

identify at least one of an offer to sell entry and an offer to buy entry in the body of the catalog;

initiate instructions for reading the elements of the electronic catalog to determine whether information therein is current; and

update the elements of the electronic catalog with current information.

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11. (Withdrawn) A computer program of claim 10, wherein reading the elements classifies elements according to time-stamps included therein, and wherein the updating deletes items which have expired.

12. (Withdrawn) A computer program of claim 10, wherein reading the elements classifies elements as either modified or unmodified and wherein the updating modifies items which are identified as modified.

13. (Withdrawn) A computer program according to claim 10, further comprising:
signature software for signing the updated electronic catalog.

14. (Withdrawn) A computer program, disposed on a computer readable medium, for annotation of an electronic catalog, the program including instructions for causing a processor to:

identify elements of an electronic catalog, including a header, a footer, and a body;
identify at least one of ordering method information and payment method information in the header of the catalog;

identify at least one of an offer to sell entry and an offer to buy entry in the body of the catalog;

generate at least one electronic catalog source document from the elements;

generate at least one compound document having elements similar to that of the electronic catalog;

enclose the electronic catalog source document within the compound document; and

provide an annotation section referring to entries in the electronic catalog source document.

15. (Withdrawn) A computer program of claim 14, further including instructions for causing a processor to:

generate a digital signature for verification of the compound document, wherein verification of the compound document does not prevent verification of the authenticity of the electronic catalog source document.

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16. (Withdrawn) A computer program, disposed on a computer readable medium, for assisting purchases and sales of a plurality of items according to a plurality of transaction types, the program including instructions for causing a processor to:

identify elements of an electronic catalog, including a header, a footer, and a body;

identify at least one of ordering method information and payment method information in the header of the catalog;

identify at least one of an offer to sell entry and an offer to buy entry in the body of the catalog; and

generate a sales-model tag in the header, for specifying the type of transaction for which the electronic catalog will be used.

17. (Withdrawn) A computer program of claim 16, wherein the sales-model tag supports at least one of one-to-one, many-to-one and one-to-many sales models.

18. (Withdrawn) A computer program of claim 16, wherein the sales model tag supports one-to-one, many-to-one and one-to-many sales models.

19. (Cancelled)

20. (Currently Amended) A computer-based method for processing a verifiable electronic catalog, comprising:

electronically storing generating sourcing information for a source of an [[the]] electronic catalog and at least one of ordering method information and payment method information in a header section of the electronic catalog;

electronically storing generating object entries in a body section of the electronic catalog, the object entries corresponding to objects available for at least one of sale by and purchase by the source of the electronic catalog;

electronically generating verification information that is usable to verify the ~~for verifying authenticity~~ content of the header and body sections ~~in a footer section of the electronic catalog,~~ the verification information at least partially based on the header and body sections;

storing the verification information in a footer section of the electronic catalog;

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transmitting the electronic catalog to a remote location.
~~electronically servicing requests for verification of the content based on the sourcing information and the information for verifying content; and~~
~~electronically servicing selection of objects for at least one of sale by and purchase by a user in accordance with the at least one ordering method information and payment method information contained in the verifiable electronic catalog.~~

21-22. (Cancelled)

23. (Currently Amended) The [[A]] method of claim 20, wherein at least one of the object entries includes an URL, the URL permitting a the user to select the between URL links and in-line data for presentation of multimedia content accessible through the URL.

24. (Currently Amended) The [[A]] method of claim 20, wherein storing the verification information further comprising comprises:

the source of the electronic catalog digitally signing the footer section of the electronic catalog to provide a digital signature.

25. (Currently Amended) The [[A]] method of claim 24, wherein the digital signature is a private key signature that corresponds to a public key.

26-34. (Canceled)

35. (Currently Amended) The A computer-based method of claim 20, further comprising: storing validity date information in the electronic catalog; reading the sections of the electronic catalog to determine determining whether information therein in the electronic catalog is current by checking that the current date is within the validity date information; and when the current date is not within the validity date information, receiving the electronic catalog from the remote location and generating an updated updating the electronic catalog with current information.

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36-37. (Cancelled)

38. (Currently Amended) ~~The A-computer-based method of claim 35, further comprising:~~
~~signing the electronic catalog after updating the electronic catalog, storing updated~~
~~verification information usable to verify the authenticity of updated electronic catalog, the~~
~~updated verification information at least partially based on the header and body sections;~~
~~transmitting the updated electronic catalog to the remote location.~~

39-40. (Cancelled)

41. (Currently Amended) ~~The A-computer-based method of claim 20, comprising:~~
providing a sales-model tag in the header, for specifying at least one of a purchase type
and a sales type of transaction for which the electronic catalog will be used.

42. (Currently Amended) ~~The A-computer-based method of claim 41, wherein the~~
sales-model tag supports at least one of one-to-one, many-to-one and one-to-many sales models.

43. (Currently Amended) ~~The A-computer-based method of claim 41, wherein the sales~~
model tag supports all of one-to-one, many-to-one and one-to-many sales models.

44. (Canceled).

45. (New) A method comprising:
receiving a first electronic catalog, the first electronic catalog including
first source information indicating a source of the first electronic catalog,
at least one object entry containing first object information,
first authenticity information indicating that the first source information and first
object information is authentic, the first authenticity information at least partially based on the
first source information and the first object information;
generating a second electronic catalog, the second electronic catalog including

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the first electronic catalog,
second source information indicating a source of the second electronic catalog,
at least one second object entry containing second object information, the second
object information referring to the first object information,
second authenticity information indicating that the second source information and
second object information is authentic, the second authenticity information at least partially
based on the first electronic catalog, the second source information and the second object
information;
transmitting the second electronic catalog to a remote location.

46. (New) The method of claim 45, wherein at least one of the first authenticity information
and second authenticity information comprises a digital signature.

47. (New) The method of claim 45, wherein at least one of the first source information and
second source information is usable to verify the respective first authenticity information and
second authenticity information.

48. (New) The method of claim 45, wherein at least one of the first source information and
second source information comprises a public key.

49. (New) The method of claim 45, wherein the first object information includes product
information, including at least one of a SKU, manufacturer, model number, product name and
base unit price.

50. (New) The method of claim 45, wherein the second object information includes
annotation information referring to the first object information.

51. (New) The method of claim 45, wherein the annotation information includes at least one
of price changes, reviews and notes.

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52. (New) The method of claim 45, wherein at least one of the first object information and second object information includes a URL to a location storing additional product information.

53. (New) A method comprising:

generating an electronic catalog, the electronic catalog including source information identifying a source entity of the electronic catalog, the source information including an source entity name, source entity contact data and a source entity digital certificate;

validity information indicating a time during which the electronic catalog is valid; ordering method information, the ordering method information including a URL indicating a location where a transaction may be initiated;

at least one object entry including product identification information, the product identification information including a SKU, product name, manufacturer, model number and base unit price, the at least one object entry further including a URL indicating a location where additional product information may be obtained;

a digital signature, the digital signature based on the source information, validity information, ordering method information, and at least one object entry;

receiving a request for the electronic catalog from a remote location;

transmitting the electronic catalog to a remote location.

54. (New) The method of claim 53, wherein generating the electronic catalog includes receiving the product identification information from a database of the source entity.

55. (New) A machine-readable medium storing instructions executable by a processor, the instructions configured to cause the processor to perform the method of claim 53.